

From owner-boatanchors@gnu.ai.mit.edu Tue Oct 11 15:09:58 1994  
Date: 11 Oct 94 12:23:06 EDT  
From: don merz <71333.144@compuserve.com>  
Subject: 50's CQ Oddities  
Message-Id: <941011162306\_71333.144\_DHQ72-1@CompuServe.COM>

Was reading through some late 50's CQ's recently and saw some things of note to boatanchorites. The surplus columnist (Stoner, I think) published a flame on the Number 19 Mark II surplus tank set and got a flood of letters back with pictures of them in use in ham shacks. As a joke, he countered by publishing photos of a Mark II being swung over the side of a boat and used, literally, as a boatanchor.

Also a photo in one issue shows a pile of HRO-50 or 60 coils in a trash can. The photo is a lead-in to a conversion article on making the HRO into a bandswitching RX (no, I'm not making this up...).

I also started to notice how many of the stations pictured featured modified receivers. Virtually every photo shows radios with unoriginal knobs or switches or meters. Some of them are really monstrous. It's

From owner-boatanchors@gnu.ai.mit.edu Tue Oct 11 14:36:42 1994  
Date: 11 Oct 94 12:26:43 EDT  
From: don merz <71333.144@compuserve.com>  
Subject: 813 Amp Circuit Needed  
Message-Id: <941011162643\_71333.144\_DHQ72-2@CompuServe.COM>

I have a hulk that might have once been a homebrew linear amplifier. I was thinking of bringing it back to life via th most direct route. It was originally set up for push-pull 813's and I need a good circuit for such an amplifier design. Any suggestions where to look?

From owner-boatanchors@gnu.ai.mit.edu Tue Oct 11 19:30:51 1994  
From: rdkeys@csemail (R. D. Keys)  
Message-Id: <9410112024.AA100563@csemail.cropsci.ncsu.edu>  
Subject: Re: 813 Amp Circuit Needed  
Date: Tue, 11 Oct 94 16:24:35 EDT

>

> I have a hulk that might have once been a homebrew linear amplifier. I was  
> thinking of bringing it back to life via th most direct route. It was  
> originally set up for push-pull 813's and I need a good circuit for such  
> an amplifier design. Any suggestions where to look?

>

>

Don.... Any mid-late 50's or early 60's ARRL Handbook had good designs for 813 amps. If you want to stay push-pull, then look in the late-40's through the early 50's.

One of the better designs was the single-band parallel 813 amps dating from the early 60's handbooks. They were the epitome of 813 designs.

My RMCA ET-8019A uses a pair of 813's as parallel finals. The tubes are rugged and hard to beat in the half-KW class.

Bob  
NA4G

```
*****
* 73 TU SU VA DE NA4G          ``Boat Anchor Bob'', an ol' CW fart.  *
*****
* Morse has been in the family for over 100 years.                      *
* Morse radiotelegraphy (Spark/CW) has been in the family since 1914.  *
*****
* May you have fair winds and following seas on your watch at the key. *
*****
```

From owner-boatanchors@gnu.ai.mit.edu Tue Oct 11 23:44:47 1994  
From: Peter.Ferrand@leotech.MV.COM (Peter Ferrand)  
Date: Tue, 11 Oct 1994 21:48:00  
Message-Id: <781936485.F00013@leotech>  
Subject: AM/FM Tuner for sale

Well I finally have one too many radios....

This is an AM/FM tuner made by Collins Audio Products, Inc. in 1948, and if you buy it, you'll get the original sales receipt signed by Mr. Collins to prove it! \$248 back then, and very nice workmanship.

It's rack mount and 9" high, 17 tubes (octals and mini) including a VR tube and a magic eye. Interesting looking design uses a four-gang variable for AM and a slug rack for FM. AM goes to 1700 Kc., which seems strangely prescient! FM band is the present day allocation.

The panel is grey crackle, which has fallen off around the screw holes. However, since there's never been any writing on the panel, no etching, no logos, or anything, it would be a simple pull 'n paint job to

refinish.

Oh, yes, it works fine. Price is \$75 and I'll be happy to box it up if you'll take care of the tab.

Give me a call anytime here in Nashua, NH at (603)889-1067.

TNX ES 73  
Pete  
WB2QLL

\* Origin: NETIS Public Access Internet (603)432-2517 (1:132/189)

From owner-boatanchors@gnu.ai.mit.edu Tue Oct 11 20:31:22 1994  
Date: Tue, 11 Oct 94 16:33:20 EST  
From: "Roy Morgan" <morgan@speckle.ncsl.nist.gov>  
Message-Id: <70923.morgan@speckle.ncsl.nist.gov>  
Subject: Beckman 905 WWV Rcvr. manual - OOPS!

My message below brought an offer, but I must have trashed it by mistake. Please re-reply. Thanks!

(Pardon bandwidth.)

The big brown truck just left my newly acquired Beckman/Beckley model 905 WWV Receiver behind the shrubs.

No Manual.

Anyone got one, or a close one?

-- Roy --

Roy Morgan / Tech A-266 / NIST / Gaithersburg MD 20899  
(National Institute of Standards and Technology, formerly NBS)  
301-975-3254 Fax: 301-948-6213 Internet: morgan@speckle.ncsl.nist.gov  
---

From owner-boatanchors@gnu.ai.mit.edu Tue Oct 11 10:20:30 1994  
From: "Kasprzyk, Emil" <EFK@eng2.tracor.com>  
Subject: Belton, TX Swapfest report  
Date: Tue, 11 Oct 94 07:33:00 PDT  
Message-Id: <2E9AA1EC@MSMGATE.TRACOR.COM>

The semi-annual Belton, TX Swapfest was held on Oct. 8, 1994. Here are some representative prices and indications of what was and what wasn't for sale:

Many receiving tubes for sales, typical prices for new in box civilian/military types 80, 83V, 6V6 metal, 0A3, 0C3, 0D3, 872B, 3B28, 6883, 6688, 50 cents each (eat your heart out Paul Prescott!).

Military 6AS7G, 5751, in quantity, \$2.00 each.

RCA 810s, \$15.00, European 4D32s \$15.00.

Hallicrafters S-38E, very good condition, \$25.00

Collins KWM-2, excellent condition, \$500. Also a few 30L1s, both types of emblems, excellent condition, didn't bother to ask price but I know it was high. Accessories available such as phone patch, etc.

Didn't see any R-390s for sale. Saw one beat up SP600 but was already sold.

Lots of nice Drake B and C line for sale. Drake 2-B for sale (overpriced) \$150.00.

Good amount of kw building components, except not too many vacuum capacitors.

New or reconditioned TV-7 tube testers, \$75.00.

Lots of Motorola tube FM gear from 1960s, 1970s.

Beautiful Hallicrafters S-40B for sale, unable to find owner.

No CEI/Watkins-Johnson receivers for sale, very little Viking gear.

73 de KC5IZ, Emil F. Kasprzyk

From owner-boatanchors@gnu.ai.mit.edu Tue Oct 11 21:25:15 1994  
Date: Tue, 11 Oct 94 23:03:53 UTC  
Message-Id: <2223@ki5sl.ampr.org>  
From: ki5sl@ki5sl.ampr.org (Rick\_Blank)  
Subject: Belton, Tx. Swap Report

Well, KC5IZ must have gotten to the swap meet a little late, because I didn't buy the SP-600JX17 until I was ready to leave at about 11:30 am! Emil, if that is so, you missed a lot of really neat stuff besides what you reported on.

There were two separate areas set up for swappers and commercial types, a large indoor area to tailgate and another with tables for the commercial type folks.

There were several Swan setups, 350's and 500's, I didn't see any of the 600 twins I've been looking for or any of the 700's or 750's, there were 3 separate Collins S-lines around, a couple of KWM-2A's and several 30L-1's...the amps were really decently priced in the lower \$400 price range...there was one set of Kenwood twins...a Drake TR-7 setup with VFO, pwr supply, speaker for \$600 (unsold by time I left)...

There was a Globe King 500C for sale and the gent was asking \$575. I would have tried to bargain with him if I didn't already have a 500A, but I did buy a R-390A from him for a C-note...maybe too much, but it works (kinda, the BFO wouldn't) but I have another 390A that between the two of them will make a real nice receiver after finding the best modules and a respray of the front and knobs. This gent also had an NC-173 that needed a power transformer for \$40.00, I didn't buy it and don't know if someone else did....

The SP-600JX17 was more dirty than anything else, it works fairly well, is real close to being spot-on in freq. resolution (as much as an SP-600 could ever be, the 390 series is much better in the linearity of it's tuning) and when hooked up to a Carlsson horn speaker, has reasonably good fidelity. There is a little bit of "grunginess" in the band switching, but a bit of TF solvent and some control lube seem to be taking care of that....I think that after a bath in Windex and isopropanol, the chassis will look OK, and after scrubbing the faceplate and knobs and repainting the dial bezels, the rig ought to really look nice, not new, but not ugly by any means, now all I need is books and hints on the care and feeding of this beast. After playing with it today, I don't think it is the equal of the 390's, but it is a lot less mechanically complex. The Collins rigs with their linear tuning IMHO just have the other BA rigs beat when it comes to finding stations, especially the higher you go in frequency, the Drake receivers also fall into the same group as the Collins, but all these BA's are fun to play with.

I also picked up a Heathkit HDP-21A microphone, the one that has the Electro-Voice 638 head on it, in mint condition with instruction set for \$20.

All in all, the Belton swapfest was a good one, and I am looking forward to the Manchaca swapfest being held on Oct. 22 just south of Austin for more goodie shopping!

By the way, I heard on the "Texas Traders Net" on Sunday that a gent up in Kerville, Tex had a one owner, very clean HQ-129X with speaker for sale for \$50.00! Needless to say, his phone was busy when I called and someone else snatched it up!!! Listen in on Sunday afternoons at 1:00pm Central Time on 7235 and see if you can hear the net.

Rick Blank, KI5SL  
ki5sl@sat.ampr.org  
2223 Blanco Road  
San Antonio, Texas 78212  
end

From owner-boatanchors@gnu.ai.mit.edu Tue Oct 11 19:42:46 1994  
Date: Tue, 11 Oct 1994 17:36:15 -0230 (NDT)  
From: Robert Gobrick <bgobrick@random.ucs.mun.ca>  
Subject: Re: drilling glass  
Message-Id: <Pine.3.87.9410111715.A27461-01000000@random.ucs.mun.ca>

QRP Window drilling (?) I agree with Matt - don't bother drilling through a glass window to bring a cable in. I went Matt's way of leaving both my storm window (older house) and interior window with a slight crack - enough to run a cable through. I then came up with an elaborit weather sashing system using styrofoam strips running the length of the window, top and bottom over the cable to make a sandwich around the cable. The syrofoam fits in the window channels nicely. I then used additional styrofoam and windwow sealant to finish job. For security attach window stops for the new locations os you can't open window from outside.

Also you canuse a plexiglass section of "glass" if you really want to drill holes for cables and use the plexiglas as your "wedge section".

By the way I run my coax (lots of it for satellite stuff) and open ladder line through my window bottom using the Styrofoam method.

Enough of this QRP topic ;-)

72 Bob V01DRB/WA6ERB

From owner-boatanchors@gnu.ai.mit.edu Tue Oct 11 07:56:51 1994  
Date: Tue, 11 Oct 1994 06:33:09 -0400  
From: Michael Crestohl <mc@shore.net>  
Message-Id: <199410111033.AA27889@shore.shore.net>  
Subject: ELDICO SSB STATION: Need information and parts please.....

Hi Boat anchorites!

More goodies from the weekend hamfest flea market haul.....

I picked up an ELDICO HF SSB station consisting of:

Receiver model R-104

Transmitter (label eradicated) model unknown but guess it would be T-104

Power Supply model P109

Control Unit M-135

All are part of S-119 SSB Communications System.

I remember seeing ads for these in QSTs from the early 1960s. They bear a very strong resemblance to the Collins S-line. They appear to be very well constructed. I particularly like the PA cage which has a very nice roller inductor tuning system which is more like a KWM-1 than a 32Sx receiver. I have always wanted to pick one of these stations up and now that I have one the next step will be to get it on the air. The radios are cosmetically very nice, although they are dusty from long-term storage.

Unfortunately, one of the previous owners decided to strip out the crystals (including the 100 Kc calibrator xtal!) the receiver plug-in mechanical filter and some of the tubes. Also not included were the connecting cables (not really a problem) and, of course, the manual & schematic.

Does anyone out there reading this know anything about the ELDICO SSB radio set? Any information will be interesting to have. Also, does anyone have a manual/schematic and/or a copy of one? And, as a long shot, anyone have any junkers or parts for these radios? Any help will be gratefully appreciated in this restoration project of a very worthy old radio from the sixties.

Reply by e-mail.

73 and thanks!

Michael Crestohl KH6KD/W1  
mc@shore.net

From owner-boatanchors@gnu.ai.mit.edu Tue Oct 11 17:30:14 1994  
Date: Tue, 11 Oct 94 08:11:53 HST  
From: jeffrey@math.hawaii.edu (Jeffrey Herman)  
Message-Id: <9410111811.AA18277@kahuna.math.hawaii.edu>  
Subject: Goodies

Here's some more postings from rec.radio.swap:

1. Tubes for sale  
2. Tubes wanted  
3. Tubes for sale, and WWII backback radio for sale  
Please look for the original posters' address and contact them.  
Jeff NH6IL

\*\*\*\*\*

1:

Article: 15937 of rec.radio.swap  
>From: dmnmd@aol.com (DmNmD)

Knight Star Roamer. 200-400, 550-1800, 1.8-4.8, 4.8-12, 12-30 mHz. Has 60 cycle hum...needs work.

Assorted vacuum tubes  
Over 100 tubes available, most new, most in boxes, includes some unusual tubes. Please call 301-797-0281 for list. I will not e-mail list. For sale as a collection only. I do not want to sell individual tubes.

2:

Article: 15941 of rec.radio.swap  
>From: charnoft@wfu.edu (Forrest T Charnock)  
Subject: Wanted: High Voltage tubes

I'm looking for tubes (preferably triodes, but not necessarily) that can handel from 10 to 25 kV. If you happen to have one or have a suggestion where I could find one, please send me a note.

3:

Article: 15945 of rec.radio.swap  
>From: barryz@oasys.dt.navy.mil (Barry Zimmerman)  
Subject: Older X-mitting tubes 4-sale

Many moons ago I said I was working on getting a lot of old transmitting tubes. I have closed the deal and am starting to get the stuff now.

Here is a sampling of the weird stuff.

4PR60A Eimac , 9 definitely new, 3 more probably  
3CX100A5 Eitel-McCullough , 1 new so far  
CFT-15E Eimac, 1 new and 1 used  
CWL-869B Westinghouse , 1 used  
EL-6C Electronic Inst , 1 new  
JBXT-6310 Varian, 2 new



2C42 assorted  
2C43 assorted  
3B24 Western Electric, 1 probably new  
3C23 mixed, 7 used  
3C24 mixed, 4 new  
3C45 assorted  
3D21WA Chatham, 6 new  
4B31 Raytheon, 1 maybe used  
4D32 Raytheon, 3 maybe used  
5D21 Western Elec., 2 used  
705A Western Elec., 5 maybe used  
715B Western Elec., 3 maybe used  
1846 RCA camera tube, used condition unknown  
2BP1 CRTs, new  
lots of 800 numbers (no 801, 810, or 811)  
lots of 900 series acorns  
lots of 1600 series  
lots of 5000, 6000, 7000, and 8000 series (not too many of the audios)  
also tons of 6SN7s, many brands, new  
tons of 6V6 GTs, several brands, new  
5R4 WGY, new, no boxes  
other stuff

I don't know how to price the stuff. If you need something, we can work something out.

E-mail here or call me at night, after 7 EST  
Barry Zimmerman  
(301) 696-5561

Many more to come.

Also, there is a back-pack 6-9 MHZ radio in a Beige canvas pack.  
Should be about WWII time. Any interest?

From owner-boatanchors@gnu.ai.mit.edu Tue Oct 11 12:58:11 1994  
Date: 11 Oct 94 08:16:00 -0700  
From: BRICKEY\_PETER@tandem.com  
Message-Id: <199410110824.AA31033@comm.Tandem.COM>  
Subject: Help with Heathkit HW-101

Hi all;

I picked up a HW-101 last weekend at the Palo Alto Swap meet, but did not get the manual. It is very clean and does work, but I would like to get some info on tuning the transmitter up.

I assume that you initially set the mode switch to TUNE, set the meter switch to read ALC, adjust the MIKE/CW gain pot for a max reading and then tune for a dip using the PRESELECTOR. Well, the meter reads the highest when the MIKE/CW pot is at its min setting and as I advance the MIKE/CW pot the meter reads less and less. Also, the PRESELECTOR has no effect!

I noticed that the PRESELECTOR control rotates 2 condensers and that the condenser nearest the front panel has a insulated wire that just lays on top of the circuit board. Is this correct?

I would appreciate some info, if anyone out there can help.

73's Peter KD6KDR

From owner-boatanchors@gnu.ai.mit.edu Tue Oct 11 21:53:16 1994  
Date: Tue, 11 Oct 1994 18:33:05 -0500  
From: "penson" <penon@geom.umn.edu>  
Message-Id: <199410112333.AA20249@cameron.geom.umn.edu>  
Subject: Re: Help with Heathkit HW-101

Peter:

Tuning the 101 is easy. Adjust the preselector for max noise on receive for the band you want. Then set the meter switch to REL PWR. Set the mode switch to TUNE and adjust the MIC/CW level for an upward meter movement (you want just enough power to tune with--not max power). Then alternately adjust the PEAK and LOAD controls for max reading on the meter. You may have to go adjust the TUNE and LOAD controls a couple times. Then set adjust the MIC/CW level for max reading--but don't turn the control past here the meter stops rising.

Yes. The wire near thpreselector caps is correct.

Good luck. That's a real classic rig.

Chuck

From owner-boatanchors@gnu.ai.mit.edu Tue Oct 11 22:02:58 1994  
Date: Wed, 12 Oct 94 00:42 BST-1  
From: jack@cix.compulink.co.uk (Jack Schofield)  
Subject: Re: How is your morse code these days?  
Message-Id: <memo.600196@cix.compulink.co.uk>

In-Reply-To: <memo.594650@cix.compulink.co.uk>  
Mmm, thanks.  
Rgds, Jack

From owner-boatanchors@gnu.ai.mit.edu Tue Oct 11 12:03:24 1994  
From: JosephWP@aol.com  
Message-Id: <9410110958.tn343005@aol.com>  
Date: Tue, 11 Oct 94 09:58:04 EDT  
Subject: Memphis Hamfest

Was able to go to the Memphis hamfest this past weekend due to being there on family business. It was an interesting two days.

There were a number of boatanchors available in the flea market, though not as many as I had hoped. I saw:

SB-104 w/speaker  
SB-102 (two units, as I recall)  
SB-200  
Drake TR-4C  
Drake C-Line (in beautiful shape)  
Collins S-Line (75S-3B, 32S-2, 30S-1)  
Collins 51S-1  
NC-183

Quite a bit of old test gear (URM-25, USM-141, etc)  
There were even a few folks out there selling tubes (two at roughly AES prices, and two folks selling for \$ 1.00 each).

I took home a CE Signal Slicer for \$ 5.00, a Heath Lunchbox Sixer for \$ 10.00, a Heath Function Generator for \$ 10.00, a Bird USM-182 for \$ 50.00, about forty tubes, an unused LS-7 speaker, and a 1948 Sylvania Tube Manual.

Joseph Pinner +  
Lafayette, LA  
KC5IJD

From SGALLAGHER@delphi.com Tue Oct 11 12:54:54 1994  
From: SGALLAGHER@delphi.com  
Subject: Official NC Warp Rollout Events  
Date: Tue, 11 Oct 1994 12:12:37 -0400 (EDT)  
Message-Id: <2B75EF15711@chaos.cc.ncsu.edu>

Official Raleigh WARP Rollout Event

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=====  
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- CompuServe: 74452,1633

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Internet ID: \_\_\_\_\_

\*\*\*\*\* All Events Begin at 9 AM \*\*\*\*\*

RALEIGH, NC	North Raleigh Hilton
October 28	3415 Wake Forest Road
Friday	Raleigh, NC 27609

CHARLOTTE, NC      Radisson Plaza Hotel  
November 3        1 Radisson Plaza  
Thursday          101 S. Tryon Street  
                    Charlotte, NC 28280

Steve Gallagher   G&A Consultants   919-467-4433  
"Your OS/2 Experts"   sgallagher@delphi.com

From owner-boatanchors@gnu.ai.mit.edu   Tue Oct 11 13:37:33 1994  
Date: Tue, 11 Oct 94 11:06:13 CDT  
Message-Id: <9410111606.AA13563@unlinfo2.unl.edu>  
From: djw@unlinfo.unl.edu (Daniel Wright)  
Subject: Sky Buddy II

.....Going through a particularly intense phase of nostalgia,I am wondering if any of the duly assembled "Keepers of the Hollow State" know where I might lay my mits on a Hallicrafters S-119(k) Sky Buddy II. It was absolutely THE FIRST sw receiver that I ever owned(built it from a kit)! I believe the kit cost something like \$19.95. It had all of three tubes as I recall...anyhoo, I know it's not an R390,but if anyone has one sitting around,I might be interested in giving it a new home.

Additionally.....does anyone remember the "Progressive Edu-Kits"?

tnx fer the bandwidth.....Dan -- WA0JRD/djw@unlinfo.unl.edu

From owner-boatanchors@gnu.ai.mit.edu   Tue Oct 11 19:15:57 1994  
From: vancleef@netcom.com (Henry van Cleef)  
Message-Id: <199410111918.MAA03206@netcom9.netcom.com>  
Subject: Thanks for help---I bought a Hammarlund  
Date: Tue, 11 Oct 1994 12:18:52 -0700 (PDT)

I'd like to thank everyone who sent me e-mail on how to post to this group and information on various Hammarlund receivers. Special thanks to Steve Modena, who set me up with his summary mail list for the boatanchors list.

I've negotiated a price for the HQ-150, more than some folks suggested, but the owner claims it is cosmetically clean and comes with all the original paperwork---been in his family for nearly 40 years. It's 700 miles away, but I have to go over that way later this week, so will have a chance to look the thing over before money changes hands----it's FOB his house and "my truck will pick up" once I've seen it and verified that it is as represented. I suspect it will need some work---owner claims "works, but low sensitivity---probably alignment." My guess is that the "probably" is more like some capacitors and resistors. Looking the situation over follows a major overhaul of a large Magnavox

AM-FM-phono console that required most of the resistors replaced, and an old Radio City Products multimeter which also had a bundle of resistors "gone high."

I could stand a little decent test equipment----a couple of multimeters and a cheap transistor radio with an antenna off the IF for a 455KC signal generator just doesn't cut the mustard. Besides, that Magnavox project is still open----parasitics in the RF-IF circuits, and I haven't been able to put my finger on it. Appears to be coupling between the first IF and the RF amp antenna circuit. All new bypass caps everywhere including the AGC circuit.

So I guess that if what I see is what I heard about, I've got a new toy.

Hank

--

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Hank van Cleef vancleef@netcom.com vancleef@tmn.com  
The Union Institute History of Science and Technology  
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